



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1

of 4

**Complete if Known****RECEIVED**

Application Number 09/849,501

Filing Date May 04, 2001

SEP 17 2003

First Named Inventor Elias Bjarnason

Art Unit 2631

Technology Center 2600

Examiner Name Emmanuel Bayard

Attorney Docket Number CX97002USR

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
EB	1	US- 3,898,564	08/05/1975	Waldhauer et al.	—
//	2	US- 4,435,823	03/06/1984	Davis et al.	—
//	3	US- 4,489,416	12/18/1984	Stuart	—
//	4	US- 4,788,692	11/29/1988	Takebayashi et al.	—
//	5	US- 4,995,057	02/19/1991	Chung	—
//	6	US- 5,228,060	07/13/1993	Uchiyama	—
//	7	US- 5,317,595	05/31/1994	Ostman	—
//	8	US- 5,463,661	10/31/1995	Moran, III et al.	—
//	9	US- 5,479,480	12/26/1995	Scott	—
//	10	US- 5,537,436	07/16/1996	Bottoms et al.	—
//	11	US- 5,598,401	01/28/1997	Blackwell et al.	—
//	12	US- 5,666,378	09/09/1997	Marchetto et al.	—
//	13	US- 5,694,423	12/02/1997	Larsson et al.	—
//	14	US- 5,706,344	01/06/1998	Finn	—
//	15	US- 5,715,277	02/03/1998	Goodson et al.	—
//	16	US- 5,721,772	02/24/1998	Haneda et al.	—
//	17	US- 5,732,112	03/24/1998	Langberg	—
//	18	US- 5,737,389	04/07/1998	Allen	—
//	19	US- 5,737,410	04/07/1998	Vahatalo et al.	—

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
EB		JP 03237862 A	10/23/1991	Mori Shokichi	—	

Examiner  
SignatureDate  
Considered

2/6/04

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	2
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of	4
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**Complete if Known**

Application Number	09/849 501
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Filing Date	May 04, 2001
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First Named Inventor	Elias Biarnas
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Art Unit	2631
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Examiner Name	Emmanuel Bayard
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Attorney Docket Number	CX97002USR
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SEP 17 2003

Technology Center 2600

## U. S. PATENT DOCUMENTS

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
W.B.	20	US- 5,740,242	04/14/1998	Hayashi	11
//	21	US- 5,761,088	06/02/1998	Hulyalkar et al.	17
//	22	US- 5,764,694	06/15/1998	Rahamin et al.	11
//	23	US- 5,809,075	09/15/1998	Townshend	11
//	24	US- 5,818,879	10/06/1998	Eyuboglu et al.	11
//	25	US- 5,841,842	11/24/1998	Baum et al.	11
//	26	US- 5,844,940	12/01/1998	Goodson et al.	11
//	27	US- 5,870,429	02/09/1999	Moran, III et al.	11
//	28	US- 5,875,229	02/23/1999	Eyuboglu et al.	11
//	29	US- 5,914,982	06/22/1999	Bjarnason et al.	11
//	30	US- 5,949,819	09/07/1999	Bjarnason et al.	11
//	31	US- 5,970,100	10/19/1999	Olafsson et al.	11
//	32	US- 6,034,993	03/07/2000	Norrell et al.	11
//	33	US- 6,094,422	07/25/2000	Alelyunas et al.	11
//	34	US- 6,115,395	09/05/2000	Norrell et al.	11
//	35	US- 6,118,812	09/12/2000	Dagdeviren	11
//	36	US- 6,198,776	03/06/2001	Eyuboglu et al.	11
//	37	US- 6,233,284	05/15/2001	Townshend	11
//	38	US- 6,327,301	12/04/2001	Demjanenko et al.	11

## FOREIGN PATENT DOCUMENTS

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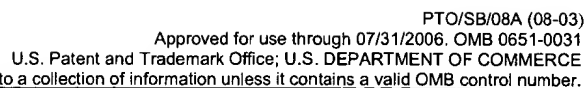
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Signature

Date  
Considered

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Application Number	09/849.509
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Filing Date	May 04, 2001
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First Named Inventor	Elias Bjarnason
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Art Unit	2631
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Examiner Name	Emmanuel Ba
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Attorney Docket Number	CX97002USR
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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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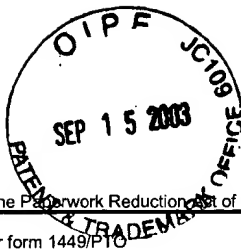
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/849,501
Filing Date	May 04, 2001 SEP 17 2003
First Named Inventor	Elias Bjarnason Technology Center 2600
Art Unit	2631
Examiner Name	Emmanuel Bayard
Attorney Docket Number	CX97002USR

Sheet 4 of 4

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EB		SHOJI HAGIWARA et al., PCM-FDM: System Capability and Performance Improvement on Waveform Equalization and Synchronization, IEEE Transactions on Communications, August 1974, pp. 1149-1154.	—

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